



#48

File Code: 3410

Date: July 23, 1999

Mr. William Laitner
Delaware Water Gap National
Recreation Area
USDI National Park Service
Bushkill, PA 18324


Dear Mr. Laitner:

On June 21, 1999, Rod Whiteman of my staff conducted an aerial detection survey for gypsy moth-caused tree defoliation at the Delaware Water Gap National Recreation Area. I am pleased to report that no defoliation was detected at, or in the vicinity of, your site. However, approximately 24 acres of hemlock mortality and 40 acres of hemlock decline/needle discoloration were detected (Figures 1-1b). Rod was informed by Rich Evans that these detected areas were where hemlock woolly adelgid (*Adelges tsugae*) infestations were the highest over the last several years.

If you anticipate requesting financial or technical assistance for gypsy moth control in 2000, please contact Brad Onken or Rod by letter or telephone (304) 285-1541 before August 27, 1999.

Please contact Rod at the above number if you have any questions regarding this aerial survey letter.

Sincerely,

for 
JOHN W. HAZEL
Field Representative
Morgantown Field Office

Enclosures

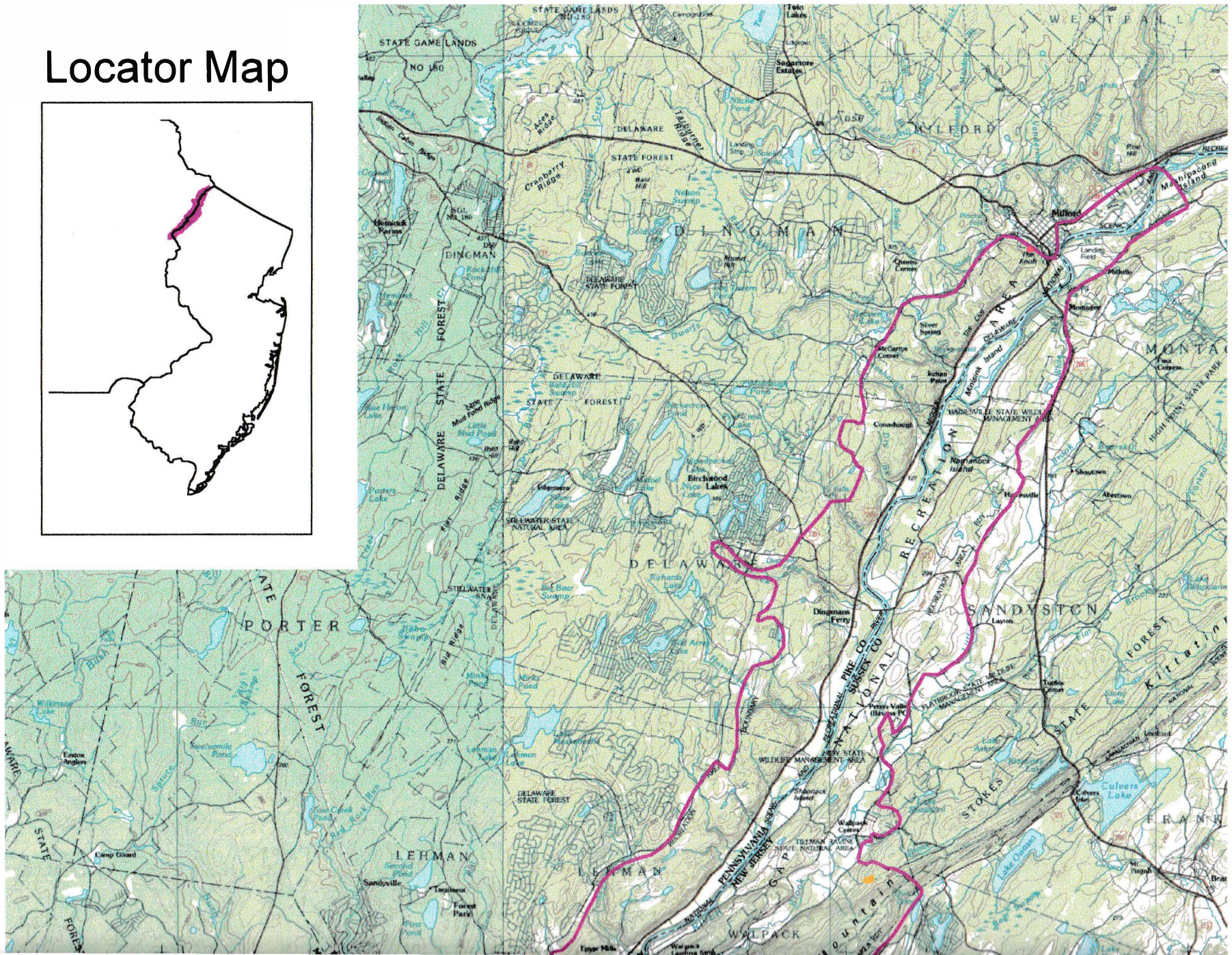
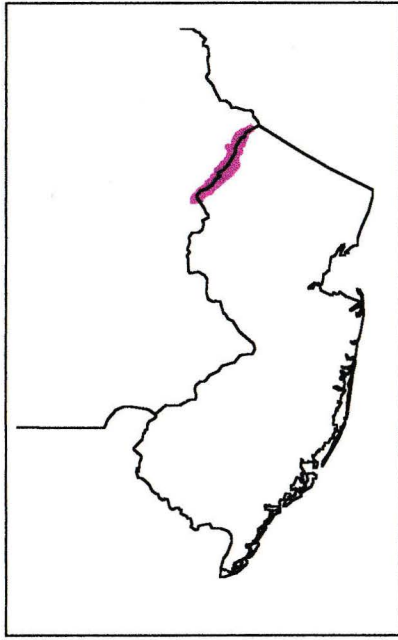
cc: Rich Evans, Delaware Water Gap
Wayne Millington, IPM Specialist, NPS
Larry Rhoads, PA BOF
John Kegg, NJDA
George Koeck, NJDF
Noel Schneeberger, AO

JWH/RLW/blm



Figure 1. -- Aerial detection survey results at Delaware Water Gap National Recreation Areas June 21, 1999.

Locator Map



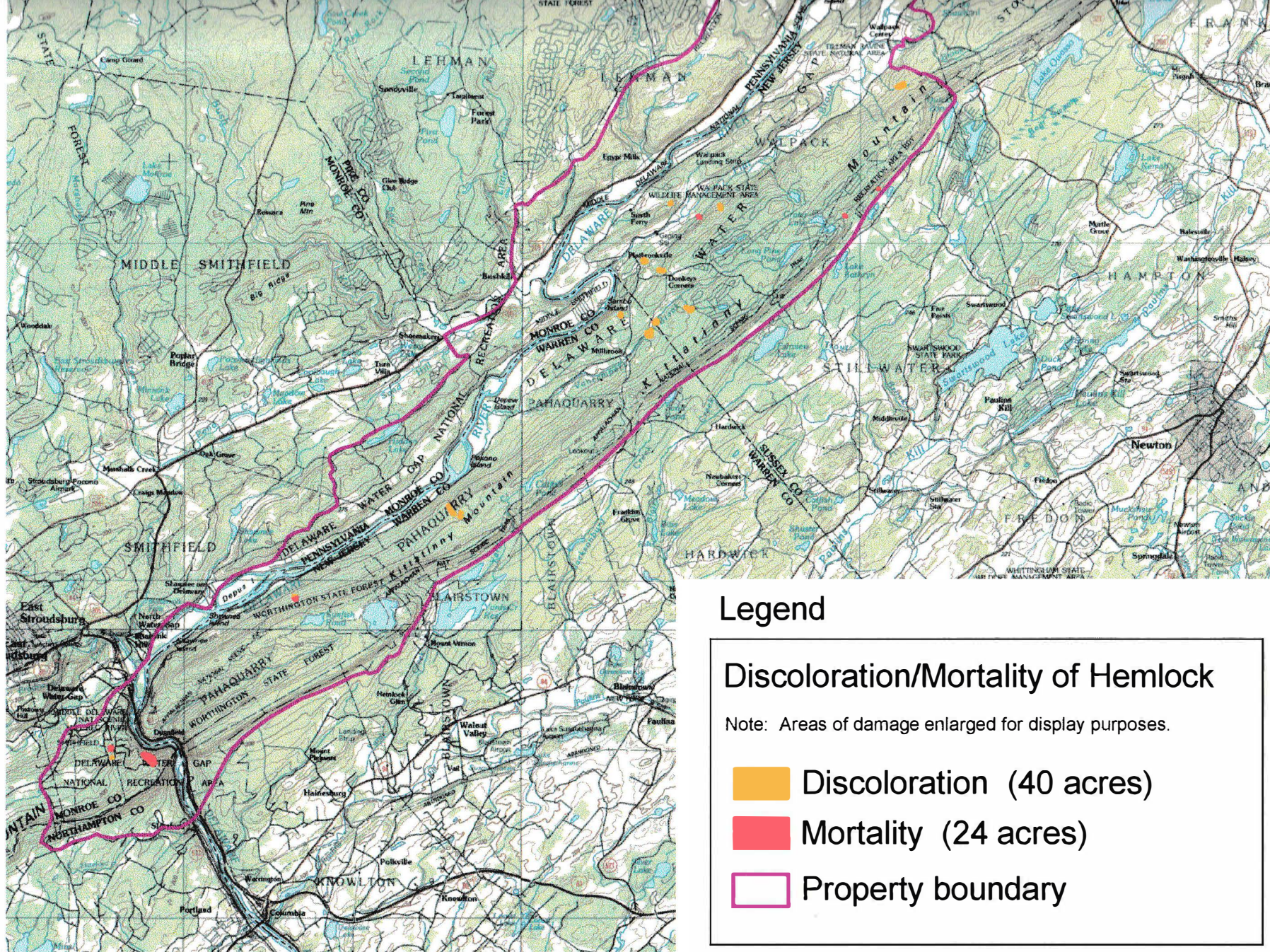
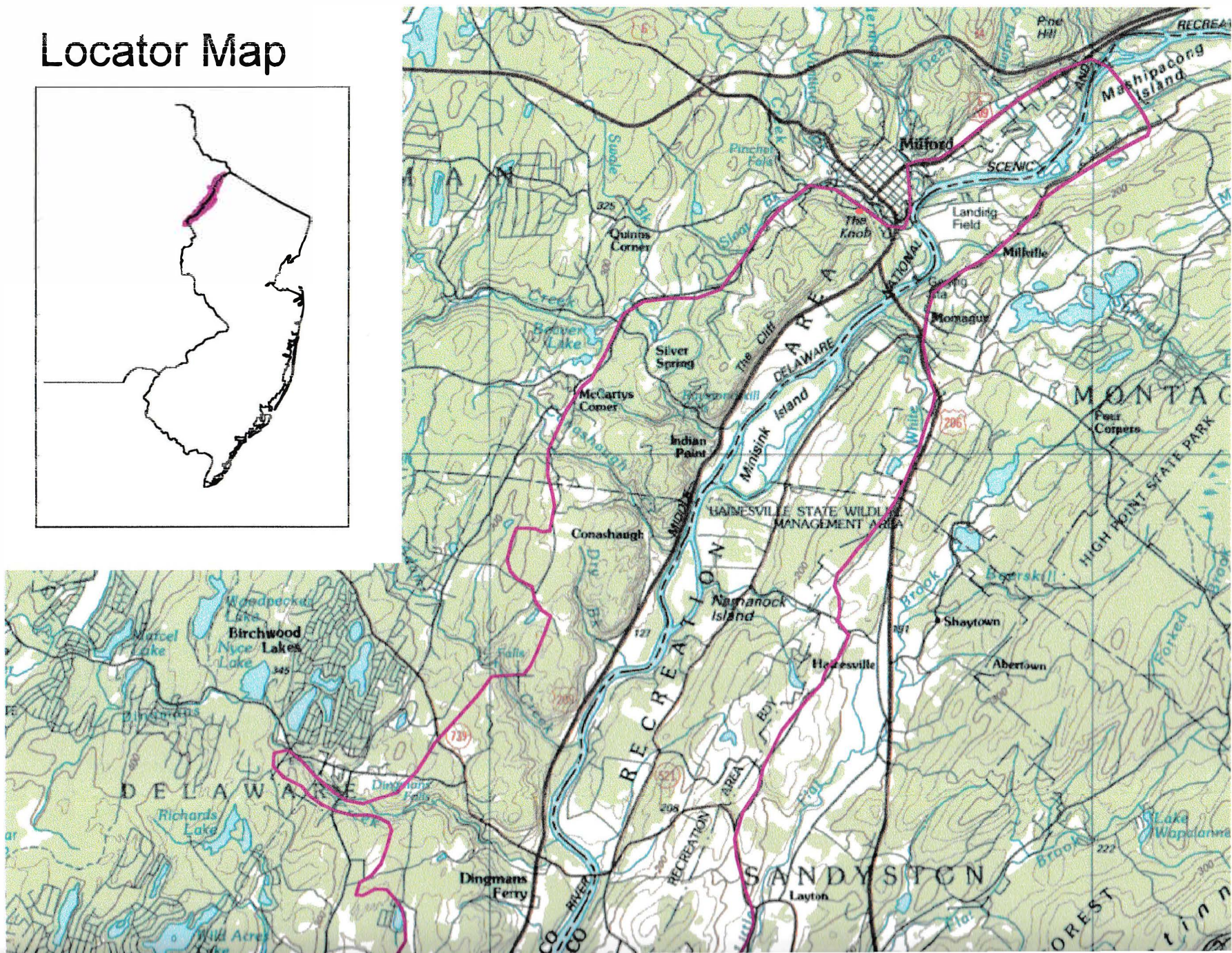
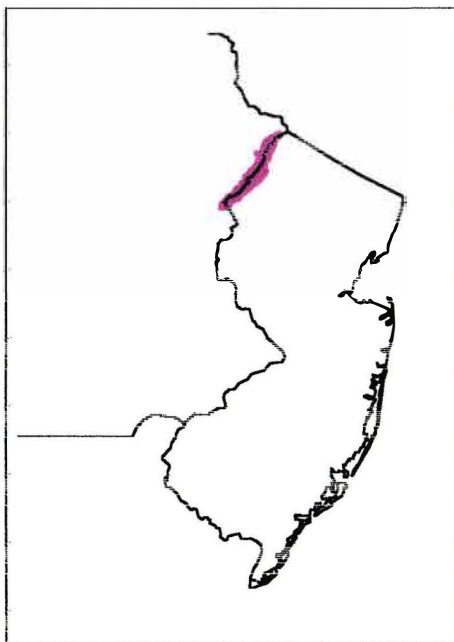


Figure 1a. -- Aerial detection survey results at Delaware Water Gap National Recreation Area (Northern Half), June 21, 1999.

Locator Map



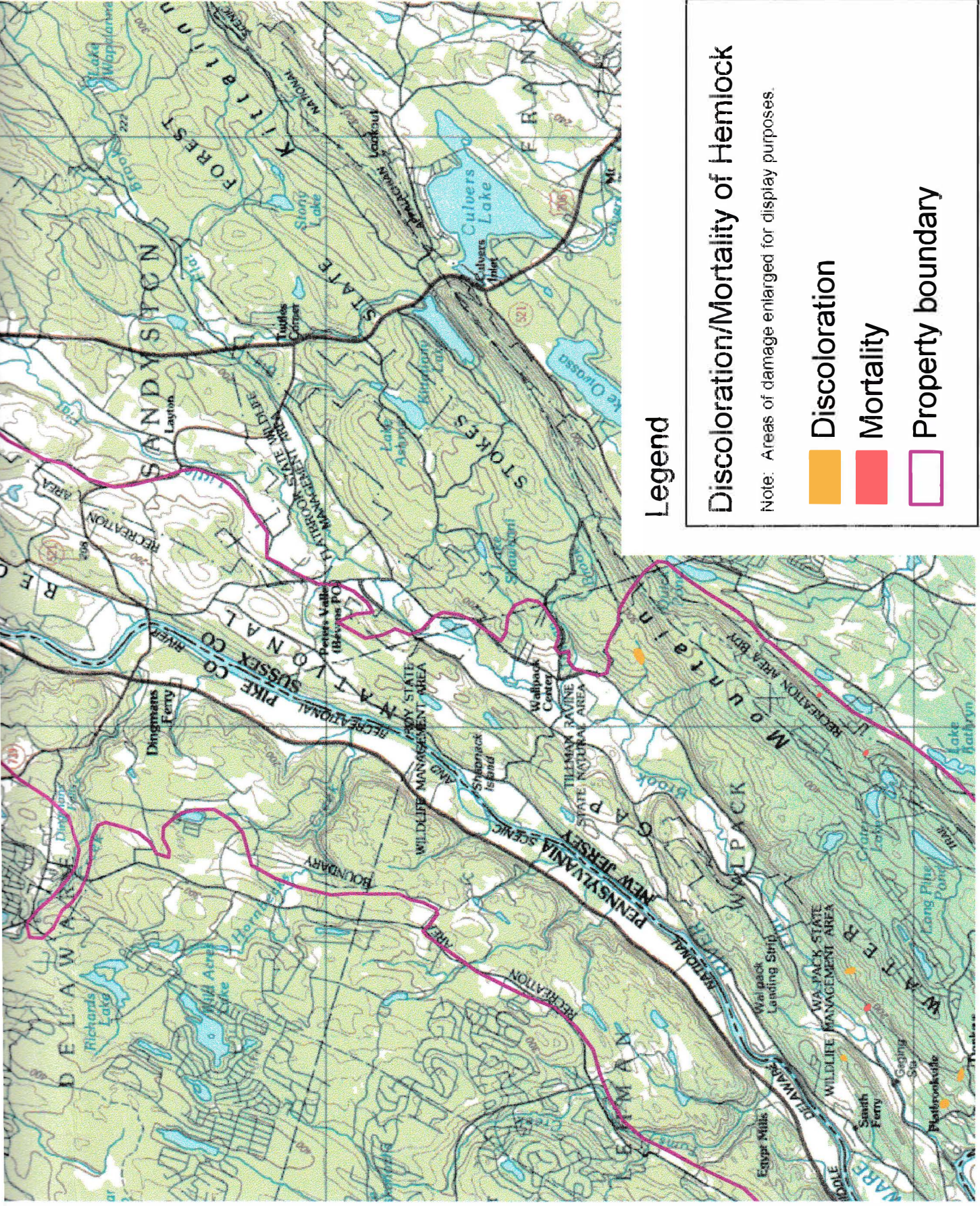


Figure 1b. -- Aerial detection survey results at Delaware Water Gap National Recreation Area (Southern Half), June 21, 1999.

Locator Map

